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U.S. Department of the Interior • U.S. Geological Survey

# MINERAL INDUSTRY SURVEYS

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## BAUXITE AND ALUMINA IN THE FOURTH QUARTER 1996

Domestic production of bauxite in the fourth quarter of 1996 was estimated at about the same level as that of the previous quarter and that reported for the fourth quarter of 1995. The current proprietary nature of U.S. bauxite

production data precludes the disclosure of this information in a nonaggregate form.

U.S. trade data currently available through November allow the following comparisons:

	Jan.-Nov. 1996*	Percentage Change from Jan.-Nov. 1995	Principal Source/Destination
<b><u>Crude &amp; Dried Bauxite:</u></b>			
Imports	9,320	+2%	Jamaica (38%), Guinea (34%), Brazil (20%), Guyana (7%).
Exports	88	+12%	Canada (75%), United Arab Emirates (11%).
<b><u>Calcined Bauxite:</u></b>			
Imports	318	-29%	China (66%), Guyana (24%), Brazil (4%).
Exports	39	+83%	Japan (57%), Canada (22%), Mexico (10%).
<b><u>Alumina:</u></b>			
Imports	3,850	+4%	Australia (71%), Suriname (9%), Jamaica (8%).
Exports	825	-9%	Canada (79%), Russia (7%), Mexico (5%).

\* Thousand metric tons

TABLE 1  
U.S. IMPORTS FOR CONSUMPTION AND EXPORTS OF CRUDE AND DRIED BAUXITE 1/

(Metric tons)

Country	1995	1996				
		First quarter	Second quarter	Third quarter	Oct. - Nov.	Year to date 2/
Imports: 3/						
Brazil	1,720,000	521,000	315,000	646,000	388,000	1,870,000
Guinea	3,890,000	832,000	897,000	702,000	715,000	3,150,000
Guyana	793,000	170,000	126,000	224,000	98,500	619,000
Jamaica 4/	3,550,000	946,000	1,000,000	1,010,000	588,000	3,550,000
Other	164,000	544	66,100	4,350	67,800	139,000
Total	10,100,000	2,470,000	2,410,000	2,580,000	1,860,000	9,320,000
Exports:						
Canada	82,500	23,300	16,400	15,400	10,900	66,000
Mexico	1,060	63	105	87	97	352
Other	2,390	2,860	7,800	1,440	9,540	21,600
Total	85,900	26,300	24,300	16,900	20,600	88,000

p/ Preliminary.

1/ Data are rounded to three significant digits; may not add to totals shown.

2/ Data may change because of revisions.

3/ Includes bauxite imported into the U.S. Virgin Islands. Excludes calcined bauxite.

4/ Dry equivalent of shipments to the United States.

Source: Bureau of the Census, data adjusted by the U.S. Geological Survey.

TABLE 2  
U.S. IMPORTS AND EXPORTS OF CALCINED BAUXITE, BY COUNTRY 1/

(Metric tons)

Country	1995		1996									
			First quarter		Second quarter		Third quarter		Oct. - Nov.		Year to date 2/	
	Refrac-tory	Other	Refrac-tory	Other	Refrac-tory	Other	Refrac-tory	Other	Refrac-tory	Other	Refrac-tory	Other
Imports:												
Brazil	2,650	37,500	--	6,040	6,180	61	42	120	--	25	6,220	6,240
China	131,000	154,000	61,200	48,100	8,390	23,800	20,000	43,200	6,330	--	95,900	115,000
Guyana	71,400	--	9,230	25,800	15,100	--	15,500	--	11,700	--	51,500	25,800
Other	17,300	68,300	2,810	86	2,420	251	3,740	595	7,170	131	16,100	1,060
Total	223,000	259,000	73,300	80,000	32,100	24,100	39,200	44,000	25,200	156	170,000	148,000
Exports:												
Canada	1,380	1,380	88	4,350	78	2,610	85	785	--	434	251	8,180
Japan	13,200	--	7,210	--	--	--	7,500 3/	--	7,510 3/	--	22,200	--
Mexico	1,900	1,620	1,460	251	933	231	172	436	391	80	2,960	998
Other	1,420	1,180	--	95	20	321	1,680	279	1,630	506	3,330	1,200
Total	17,900	4,180	8,760	4,700	1,030	3,160	9,440	1,500	9,530	1,020	28,700	10,400

1/ Data are rounded to three significant digits; may not add to totals shown.

2/ Data may change because of revisions.

3/ All or part of these data have been referred to the Bureau of Census for verification.

Source: Bureau of the Census, data adjusted by the U.S. Geological Survey.

TABLE 3  
U.S. IMPORTS FOR CONSUMPTION AND EXPORTS OF ALUMINA 1/

(Metric tons, calcined equivalent)

Country	1995	1996				
		First quarter	Second quarter	Third quarter	Oct.- Nov.	Year to date
Imports: 2/						
Australia	2,910,000	682,000	796,000	706,000	557,000	2,740,000
Canada	79,900	24,600	25,700	24,700	18,100	93,100
India	147,000	3,690	18	38,200	26,200	68,000
Jamaica	270,000	49,200	80,100	125,000	71,900	326,000
Suriname	305,000	67,300	108,000	87,400	89,400	352,000
Trinidad	116,000	38,600	47,000	42,000	--	128,000
Other	168,000	46,800	30,300	39,200	24,900	141,000
Total	4,000,000	912,000	1,090,000	1,060,000	787,000	3,850,000
Exports: 3/						
Brazil	27,900	340	664	559	160	1,720
Canada	744,000	169,000	189,000	174,000	120,000	652,000
Mexico	39,500	12,500	11,700	9,380	6,770	40,300
Russia	138,000	20,500	33,600	300	--	54,400
Other	94,300	12,500	17,300	10,800	36,600	77,100
Total	1,040,000	215,000	252,000	195,000	164,000	825,000

1/ Data are rounded to three significant digits; may not add to totals shown.

2/ Includes imports of aluminum hydroxide: 83,500 metric tons in 1995; 17,400 tons in the first quarter; 22,700 tons in the second quarter; 28,600 tons in the third quarter; 16,800 tons in October and November of 1996.

3/ Includes exports of alumina from the U.S. Virgin Islands to foreign countries. Includes exports of aluminum hydroxide: 41,700 metric tons in 1995; 9,840 tons in the first quarter; 12,400 tons in the second quarter; and 11,900 tons in the third quarter; 6,770 tons in October and November of 1996.

Source: Bureau of the Census, data adjusted by the U.S. Geological Survey.